



REDUCING THE ENVIRONMENTAL IMPACT OF ENDOSCOPY STARTS TOMORROW

PRACTICAL GUIDE TO PROTECTING WATER RESOURCES

The following information was devised by The Eco-Responsibility and Sustainability Development Committee from the French Society for Digestive Endoscopy (SFED). The European Society for Gastrointestinal Endoscopy (ESGE) are grateful for the opportunity to bring these important resources to a wider audience.

PROTECTING WATER – In Quantity and Quality!

Did you know?

- One endoscope wash consumes **60-80 liters** of water
- Washer output water loses **1 pH point** (from 6.5 to 5.5)
- PEGs are likely **biodegradable**

HOW TO REDUCE YOUR WATER FOOTPRINT

Use fewer endoscopes during procedures



Use **one upper/lower endoscope** when clinically justified

Choose a **single echoendoscope** (radial or linear)

Use a **combined diagnostic/therapeutic scope**

Plan procedures carefully

Avoid unnecessary exams

Choose water-efficient equipment



Dual-tank washer/disinfectors

Low water consumption washer models

Use a water and pressurized air system for cleansing

Faucet **aerators**

Alcohol-based hand cleaning



Reduce water pollution

Limit unfiltered pollutants (e.g., **5FU, PEG, acids**)

Be careful with general anesthesia (drugs with **digestive/urinary** elimination)



Protect wetlands & natural CO₂ sinks

Preserve **peat bogs, marshes, and wetlands**

Offset your impact by supporting **conservation organizations**

EVERY DROP COUNTS

Be mindful of water waste – at every level.

Like the hummingbird in the French proverb, let each of us do our part.